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PART – 3

npm vs npx

nvm vs nvs

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Node.js

Crash Course

Contents

- **npm**
- npx
- nvm
- nvs

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npm

- npm stands for **node package manager**. npm used to install node packages.
- npm install package-name
- npm i package-name (i is shortcut for install)
- npm i package-name --save
  (--save is default, it works even without mentioning it after node version 5.0.0)
- npm i package-name --save-dev

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npm

- npm i package-name --global
- npm i package-name -g (g is shortcut for global)
- npm i package-name package-name package-name
  (Just need to give space between each package-name to install multiple packages at a time)
- Once you install any package globally, then npm link package-name is used to create symbolic link and the same command helps to use the linked package anywhere in your system.

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- ✓ npm
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- ➢ nvm
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npx

- npx stands for npm package runner(eXecute). The typical use is to download and run a package temporarily or for trials.
- **npx package-name options**
- Example:
  npx create-react-app app-name

Reference: https://www.npmjs.com/package/npx

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nvm

- nvm stands for Node Version Manager. It helps to switch between different node versions.
- Download **nvm-setup.zip**, extract and execute **nvm-setup.exe**
- List of currently installed node versions – **nvm ls**
- List of available node versions – **nvm list available**
- Install any version – **nvm install <version> (Ex: nvm install 12.16.3)**
- After installing, if you want to use that then run – **nvm use <version> (Ex: nvm use 12.16.3)**
- npm version automatically installs along with respective node version.
  Reference: https://github.com/coreybutler/nvm-windows/releases

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- ➢ **nvs**

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nvs

- nvs stands for Node Version Switcher. It helps to switch between different node versions, it's an alternative for nvm.
- Download and install nvs (https://github.com/jasongin/nvs/releases/download/v1.6.0/nvs-1.6.0.msi)
- List of available node versions – **nvs ls**
- Install any node version – **nvs**
- And choose the version. It automatically downloads and installs the chosen node version.
- To use any installed version – **nvs use <version>**
- To check current node version – **node --version**
- To check current npm version – **npm –version**
  Reference: **https://github.com/jasongin/nvs**

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PART – 4

Next part

- Request & Response

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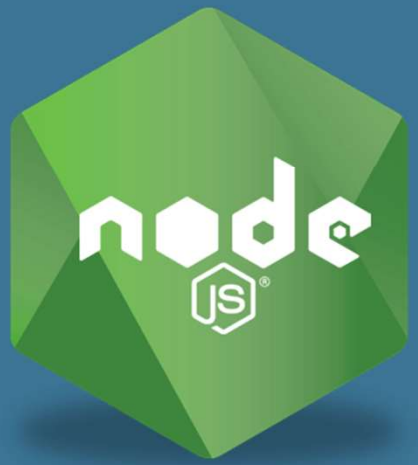

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